

# ENGINEERED PRODUCTS

## GRANORCELL CLOSED CELL NEOPRENE SPONGE SERIES CCNS-42

GRANORCELL has many unusual applications where good weathering resistance together with predictable compression set characteristics are required. GRANORCELL is frequently used between pre-cast concrete panels or in formwork where a grout or watertight seal is required.

### COMPRESSIBILITY

If a static load is applied to GRANORCELL it will continue to compress until the rubber content is essentially solid. This destroys the cellular structure of the component. Where a predictable gap is required discrete or continuous spacers are added to limit closure.

### TECHNICAL DATA

Flexible Cellular Chloroprene (neoprene) expanded rubber.

Specification	Product Code CCNS-42
Colour	Black
Density (ISO 845-88)	150 – 200kg/m <sup>3</sup>
Shore 00	30–50
Compression Deflection (ASTM D 1056-85)	At 25% 35-63kPa (average 43kPa)
Compression Set (ASTM 1056-77)	8% at 23°C (average)
Water Absorption (ASTM D 1056-80)	3% (average)
Linear Shrinkage	-2% after 7 days at 70 Deg. (average)
Elongation (ISO 1797-97)	> 150%
Tensile Strength	> 400kPa
Tear Resistance	> 0.5kN/m
Temperature Range	-50 °C / +95°C Constant + 105°C Intermittent
Environmental	CFC & HCFC free
Flammability	Conforms to FMVSS 302 & ISO3795

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